Qtv:

5 Um:

Each

Wednesday, 5/31/2006 7:39:32 AM Kim Johnston **Process Sheet** : CU-DAR001 Dart Helicopters Services **Drawing Name** : TUBE ASSEMBLY Customer Job Number : 27298 **Estimate Number** : 10925 : D2003105 P.O. Number :NA Part Number : D2003 REV B This Issue : 5/31/2006 S.O. No. : N/A **Drawing Number** : N/A Prsht Rev. **Project Number** : MA : SMALL /MED FAB First Issue **Drawing Revision** : NIA : NIA Material **Previous Run** : 6/30/2006 **Due Date** Written By Checked & Approved By B (80.01.12 Comment **Additional Product** Job Number: Description: Seq. #: **Machine Or Operation:** DOCUMENT CONTROL 1.0 DC Comment: DOCUMENT CONTROL Photocopy bluefile & type labels per PPP D2003-105 2.0 M304TR0375W035 304 TUBING Comment: Qty.: 0.9275 f(s)/Unit Total: 4.6373 f(s) 304 TUBING Material:3/8"Æ x 0.035" wall 6061-T6 tubing Firesleeve-crkl .375IDia 3.0 M26506 Comment: Qtv.: 0.9406 f(s)/Unit Total: 4.7030 f(s) Material: M2650-6 Heat sleeve 4.0 MS208196D

FF 06.08.16

06/06/27

Comment: Qty.: 2.0000 Each(s)/Unit Total: 10.0000 Each(s)

Sleeve Pick:

Qty Part Number Description

Batch

2 MS20819 Sleeve

17-10-1-29-20

1717654

FF 06-08.16

5.0 AN8186D

Comment: Qty.: 2.0000 Each(s)/Unit Total: 10.0000 Each(s)

Nut Pick:

Qty Part Number Description

Batch

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHA | NGES | | | | |
|---------|------|---|------|----------|-----|---------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | Ву | Date | Qty | Approval Mfg / Pesign Mgr | Approval QC Inspector |
| Ge 0608 | 4 | -60 is required as p Dwg. Remove -85 permant dung. | FF | 06.06.08 | 5/ | | ados |
| | | | | | | | |

| NCR: | 2 | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | | | | |
|------|------|----------------------------------|-----------------------|--------------------------------|----------------|-----------|------------------------|--------------------------|--|--|--|--|
| | | Description of NC | | Corrective Action Section B | Verification | Annaval | Annuaval | | | | | |
| DATE | STEP | Section A | Initial Design Mgr | Action Description Design Mgr | Sign & Date | Section C | Approval Design Mgr | Approval QC Inspector | | | | |
| | | | | * | | | | | | | | |
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| Part No: | PAR #: | Fault Category: | NCR: | Yes | No | DQA: | Date: |
|----------------------------------|--------|-----------------|------|-------|-------|-------|-------|
| NOTE: Date & initial all entries | | | | QA: N | I/C C | osed: | Date: |

H:\forms\Quality Assurance\approved forms\NCRWO revC

| | Vednesday, 5/31/ (im Johnston | /2006 7:39:32 AM | Process S | Sheet | | | |
|----------------|-------------------------------------|---|---|----------------------|---|----------|-----|
| Custom | er: CU-DAR001 | Dart Helicopters Sen | | wing Name: TUBE ASSE | MBLY | | 1 |
| • | | | | | | | |
| Job Numb | er: 27298 | | P | art Number: D2003105 | | | ┨ |
| Job Number: | | | | | | | |
| Seq. #: | Machine Or | Operation: | | Description : | : | | |
| | 2 AN81 | 8-6D Nut | M 17651 | | FF | 06.08.16 | 5 |
| 6.0 | D3158 | | Heat Shrink | | | |] |
| Com | | 2750 f(s)// l=i/T | atal . 4 0750 f(a) | | | | - |
| Com | ment: Qty.: (Heat Shri Pick: | , , | otal: 1.8750 f(s) | | | | |
| | 1 D315 | Number 92 Descrip 8-045 Heat shrink | L- Brights B: | 21864A | FF | 06.08.16 | 5 |
| 7.0 | SMALL FAB 1 | | SMALL & MEDIU | M FAB RESOURCE 1 | | | |
| | | | 201205 4 | | | | |
| Com | ment: SMALL & Cut as pe | MEDIUM FAB RES er template D2003-1 | SOURCE 1 105 (10.60 ¹¹ tong) McKe P | er template D | 12003-105 | | |
| | Cut: 10.7 | 5" long as per Dwg | D2003 | • | P06.08 | 15 | 770 |
| | | e as per template D e as per Dwg D2003 | | | 1 08:000 | | |
| | | 5 | | • | | | |
| | | | | a a | FF. o | 6.08-16 | 3- |
| 8.0 | QC5 | | INSPECT WORK | TO CURRENT STEP | | | 1 |
| 5 | | , | | | | | |
| | | WORK TO CURRE | | | SB 06 | 108/16 | 1 |
| 9.0 | PACKAGING | 1 | PACKAGING RES | SOURCE #1 | 1 1941 1 111 114 | • | |
| | | | G | | | 0 | |
| Com | | ING RESOURCE# | 1 | | ^ | CZ | |
| | Identify ar Location: | 51200 | | | 130 | 6/08/18 | 3 |
| 10.0 | DC | | DOCUMENT CON | NTROL | | 7 | |
| | | | | | | (5) | |
| Com | ment: DOCUME Inspection | | | | \bigcirc | 56/38/18 | |
| Job Completion | | | | | u de | 08-18 | |
| | 11011111 | 31 BL ØL 1101 LW PAL 110101 18011 1186 | 11 11 1 16 1 | | | | |
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Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | - | - | | |
|------|------|--------------------|----|------|-----|---------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | Ву | Date | Qty | Approval Mfg / Design Mgr | Approval QC Inspector |
| | | | | | | | • |
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| NCR: | | W | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | | | | | |
|----------|------|--------------------|----------------------------------|-----------------------------|----------------|-----------|------------------------|--------------------------|--|--|--|--|--|--|
| | | Description of NC | | Corrective Action Section B | Verification | Annroyal | Approvál | | | | | | | |
| DATE | STEP | Section A | Design Mar Design Mar Date | | Sign & Date | Section C | Approval Design Mgr | Approval QC inspector | | | | | | |
| 06/08/15 | 7 | Tub, wall Thattend | 18 and | Destroy & replace | FF 06.08.16 | CB. 08.16 | Desin | B ccos i | | | | | | |
| | | | | | | | A | | | | | | | |
| * | | (4) | | | | | | | | | | | | |
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| Part No: | PAR #: | Fault Category: | NCR: | Yes No DQA: | Date: Db 33 10 |
|----------------------------------|--------|-----------------|------|-----------------|--------------------|
| NOTE: Date & initial all entries | | | | QA: N/C Closed: | Date: |





| 4 | | |
|-----------|----------|--|
| DESIGN | ORAWN BY | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA |
| CHECKE | APPROVED | DRAWING NO. REV. 8 |
| 4 | to I H | D2003 SHEET 1 OF 2 |
| DATEV | | TITLE SCALE |
| 99.06 | .08 | 206 CABIN HEATER TUBE ASSEMBLIES MIS |
| А | 90.04.09 | NEW ISSUE |
| В | 99.06.08 | UPDATE PER TEMPLATES; ADD P/N'S; |

RELEASED 49.06.08 KED

| | | | HEATSLEEVE LENGTH | CUT LENGTH OF TUBE? | MS20819-8J SLEEVE | AN818-8J NUT | MS20819-8D SLEEVE | AN818-8D NUT | MS20819-6D SLEEVE | AN818-6D NUT | DECO | NAATEDIAI 467 | VENDOR OR |
|---------------------|--|------------------------|----------------------|------------------------|-------------------|--------------|-------------------|--------------|-------------------|-----------------|-----------------------|--|--------------------------|
| P/N | The second secon | TEMPLATE | | | | | | | | 2 | DESC. | MATERIAL 4/8/7 | SPEC |
| | 003-001 | T2003-001 | 5.2 7.3 | 6.00 | | | | | 2 | 2 | TUBE ASS'Y TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W | WW-T-700/6 |
| | 003-003 | T2003-003 | | 8.12 | <u> </u> | | | - | | 2 | | 6061-T6 0.375 OD x 0.035 W | WW-T-700/6 |
| Laurenment | 003-005 | T2003-005 | 9.8 | 10.62 | | | | | 2 | | TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W | WW-T-700/6 |
| | 003-007 | T2003-007 | 20.0 | 19.63 | | | | | 2 | 2 | TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W | WW-T-700/6 |
| | 003-009 | T2003-009 | 12.38 | 12.44 | | | | | 2 | | TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W | WW-T-700/6 |
| | 003-011 | T2003-011 | 33.31 | 32.38 | | | , | | 2 | 2 | TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W | WW-T-700/6 |
| - | 003-013 | T2003-013 T2003-015 | 12.7 17.2 | 13.54 18.00 | | | | | 2 | 2 | TUBE ASS'Y TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W 6061-T6 0.375 OD x 0.035 W | WW-T-700/6 |
| | 003-015 | T2003-015 | 17.0 | 16.25 | - | | | | 2 | 2 | TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W | WW-T-700/6 |
| 1 | 003-017 | | | 10.62 | | | 2 | | - 4 | | | | WW-T-700/6 |
| | 003-019 | T2003-019 | 9.8 N/A | 2.25 | | | 2 | 2 | - | | TUBE ASS'Y TUBE ASS'Y | 6061-T6 0.500 OD x 0.035 W 6061-T6 0.500 OD x 0.035 W | WW-T-700/6 WW-T-700/6 |
| 1 | 003-021 | T2003-021 T2003-023 | 4.5 | 5.33 | | | 2 | . 2 | | | TUBE ASS'Y | 6061-T6 0.500 OD x 0.035 W | VVV-1-700/6 |
| | 03-025 | T2003-025 | 9.8 | 10.60 | | | 2 | 2 | | | TUBE ASS'Y | 6061-T6 0.500 OD x 0.035 W | WW-T-700/6 |
| | 003-025 | T2003-025 | 7.25 | 7.38 | | | 2. | 2 | | | TUBE ASS'Y | 6061-T6 0.500 OD x 0.035 W | WW-T-700/6 |
| | 03-027 | T2003-027 | 17.2 | 18.00 | | | 2 | 2 | - | | TUBE ASS'Y | 6061-T6 0.500 OD x 0.035 W | WW-T-700/6 |
| | 03-029 | T2003-025 | 14.6 | 15.38 | . 2 | 2. | | - | | | TUBE ASS'Y | CRES 0.500 OD x 0.035 W | AISI 304 |
| | 03-031 | T2003-031 | 29.75 | 29.62 | 2 | 2 | | | | | TUBE ASS'Y | CRES 0.500 OD x 0.035 W | AISI 304 |
| | 103-035 | T2003-035 | 24.7 | 27.00 | - 2 | -2 | | | | | TUBE ASS'Y | CRES 0.500 OD x 0.035 W | AISI 304 |
| | 03-037 | T2003-037 | 24.81 | 23.38 | 2 | 2 | | | | | TUBE ASS'Y | CRES 0.500 OD x 0.035 W | AISI 304 |
| | 03-039 | T2003-039 | 34.0 | 34.00 | 2 | 2 | | | | | TUBE ASS'Y | CRES 0.500 OD x 0.035 W | AISI 304 |
| | 03-041 | T2003-041 | 6.0 | 5.88 | 2 | 2 | | | | | TUBE ASS'Y | CRES 0.500 OD x 0.035 W | AISI 304 |
| ARTERIO AND AND AND | 03-043 | T2003-043 | 11.7 | 10.75 | 2 | 2 | | | | | TUBE ASS'Y | CRES 0.500 OD x 0.035 W | AISI 304 |
| | 03-045 | T2003-045 | 3.50 | 2,44 | 2 | 2 | | | | | TUBE ASS'Y | CRES 0.500 OD x 0.035 W | AISI 304 |
| | 03-047 | T2003-047 | 5.56 | 5.56 | 2 | 2 | | (3.24 | | | TUBE ASS'Y | CRES 0.500 OD x 0.035 W | AISI 304 |
| | 03-049 | T2003-049 | 33.2 | 34.00 | 2 | 2 | | | | | TUBE ASS'Y | CRES 0.500 OD x 0.035 W | AISI 304 |
| | 03-077 | T2003-077 | N/A | 6.25 | | | | | 1 | 1 | JET | 6061-T6 0.375 OD x 0.035 W | WW-T-700/6 |
| | 03-101 | T2003-101 | 13.25 | 13.13 | | | | | 2 | 2 | TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W | WW-T-600/6 |
| | 03-103 | T2003-103 | 12.38 | 12.00 | | - | | | 2 | 2 | TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W | WW-T-600/6 |
| | 03-105 | T2003-105 | 7 10.75 | 10.601 | K | | | | 2 | 2 | TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W | WW-T-600/6 |
| | 03-107 | T2003-107/ | 12.75 | 12.25 | - | | | | 2 | 2 | TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W | WW-T-600/6 |
| | 03-109 | T2003-109 | 8.25 | 8.125 | | | 2 | - 2 | | | TUBE ASS'Y | 6061-T6 0.500 OD x 0.035 W | WW-T-600/6 |
| - | 03-111 | T2003-111 | 4.75 | 4.625 | | | 2 | 2 | | | TUBE ASS'Y | 6061-T6 0.500 OD x 0.035 W | WW-T-600/6 |
| 40.00 | 03-116 | T2003-116 | 4.0 | | | | | | | | HEATSLEEVE | M2650-20 CRINKLE-SOFT | STRATOFLEX |
| D20 | 03-120 | T2003-120 | 4.0 | İ | | | | • | | $\neg \uparrow$ | HEATSLEEVE | M2650-16 CRINKLE-SOFT | STRATOFLEX |
| D20 | 03-14 | T2003-14 | 4.0 | | | | | | | | HEATSLEEVE | M2650-14 CRINKLE-SOFT | STRATOFLEX |
| D20 | 03-16 | T2003-16 | 4.0 | | / | | | | | | HEATSLEEVE | M2650-16 CRINKLE-SOFT | STRATOFLEX |
| D20 | 03-205 | T2003-205 | 9.75 | 9.60 | | | | | 2 | 2 | TUBE ASS'Y | 6061-T6 0.375 OD x 0.035 W | WW-T-700/6 |
| D20 | 03-207 | T2003-207 | 3.75 | 3.75 | 7 | | | | 2 | 2 | TUBE ASS'Y | 6061-T6 0.375 OD x 01035 W | |
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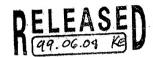
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NO 27238



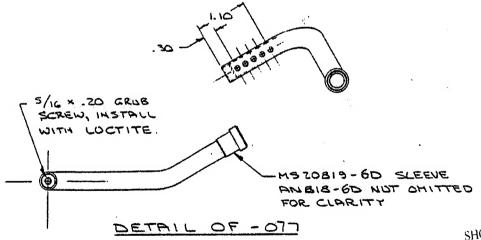


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|----------|----------|---------------------------------|------------------------------|
| DESIGN | DRAWN BY | | SPACE LTD Intario, canada |
| CHECKED | APAROVED | D2003 | REV. B SHEET 2 OF 2 |
| DATE | | TITLE | SCALE |
| 99.06.08 | | 206 CABIN HEATER | TUBE ASSEMBLIES NTS |



Notes:

- (1) USE STRATOFLEX M2650-6 CRINKLE-SOFT HEATSLEEVE.
- (2) TUBING ASSEMBLIES TO BE CUT AND BENT IN ACCORDANCE WITH TEMPLATES.
- (3) TUBES TO BE FLARED 30° TO MATE WITH FITTINGS MADE TO MS33514.
- (4) ENSURE SEAMLESS TUBING IS USED.
- (5) INSTALL HEATSLEEVE OVER ALL TUBES WITH A DESIGNATED LENGTH OF HEATSLEEVE PER THE PARTS LIST.
- (6) 5052 (WW-T-700/4) TUBING MAY BE SUBSTITUTED WHEN 6061 TUBING IS NOT AVAILABLE.
- (7) 0,049 WALL THICKNESS CRES TUBING MAY BE SUBSTITUTED WHEN 0.035 IS NOT AVAILABLE.
- (8) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.



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| DESIGN | DRAWN BY | DART AEROSPACE LT | ר (|
| D WILLIAMS | L HAND | VICTORIA INTERNATIONAL AIRPORT, CANAD | _ |
| | K HAND | | |
| CHECKED | APPROYED / | DRAWING NO. | REV. C |
| D.) | 1 1/1/2 - | D206-571 SHEE | |
| 70 | NO | SACE SACE | T 1 OF 11 |
| DATE | | TITLE | SCALE |
| JUNE 9, 19 | مسهده | DELL 206 HEATING SYSTEM | |
| JUNE 3, 13 | 34 | BELL 206 HEATING SYSTEM | |
| C JUNE | 30, 1995 | RE-DRAWN | |
| | JU. 133J | I VE-DUMIA | |

| | Part No. | Description | -011 | -013 | -043 | -341 | -345 |
|------|---------------|--------------------------------------|--|----------|-----------|--------------|----------|
| لسسا | D206-571-011 | Heater Kit 206A/B/L | X, | | | l | |
| | D206-571-013 | Heater Kit 206L1/L3/L4 | | X | | | |
| | D206-571-043 | Vaive/Manifold Assembly | 1. | 1 | X | 1 | 1 |
| | D206-571-341 | Supplementary Heater Kit 206A/B | <u> </u> | | | X | |
| 1 | D206-571-345 | Supplementary Heater Kit 206L1/L3/L4 | | | | | X |
| | 5200 0.1010 | | | | | | |
| | D2001-08 | Valve | | | 1 | | |
| | D2003-041 | Tube Assembly (8J) | 1 | | | | |
| | D2003-043 | Tube Assembly (8J) | 1 | | | | |
| | D2005-001 | Hose Assembly (8J) | 1 | | | 1 | 1 |
| | -D2005-009 | Hose Assembly (8J) | 1 | 2 | | 1 | 1 |
| | D2005-011 | Restrictor | 1 1 | | | - (1) | |
| | D2005-013 | Restrictor | 1 | | | | |
| * | D2007-001 | Adapter | | 1 | | | |
| | D2026-101 | Screw | | | 2 | | |
| | D2050 | Grille | 1 | 1 | | 1 | 1 |
| | D2120 | Tab Washer | 1 | | 1 | | |
| | D2162-3R-096 | Control Cable | 1 | | | 1 | |
| | D2162-3R-120 | Control Cable | | 1 | - | | 1 |
| - | D2155 | Adapter, 2" - 3" Hose | 1 | | | | |
| | D2156 | Vent Flange | 1 | 1 | | 1 | 1 |
| Ť | D2160 | Lever | | | 1 | | i |
| | D2377 | Flow Divider | 1 | 1 | | 1 | 1 |
| | D2410 | Aspirator Manifold Assembly | 1 | | 1 | · | |
| i | D2455 | Noise Attenuator | | | 1 | | |
| l | 02.00 | | | | · · · · · | | |
| | SCEET 12 | Hose 3"dia | 11' | 11' | | 11' | 11' |
| | AN526-832R6 | Screw | 10 | 10 | | 10 | 10 |
| | AN526-1032R12 | Screw | 6. | 10 | | 8 | 10 |
| | AN804-8J | Bulkhead Tee Fitting | 1 | 1 | | 1 | 1 |
| | AN814-L8J | Cap, Male | 1 | 1 | | · · · | <u>-</u> |
| | AN815-8J | Union | 1 | 1 | | | |
| | AN816-8-8D | Nipple | | · · | 1 | | |
| | AN824-8J | Tee Fitting | 1 | | | | |
| | AN919-12D | Reducer | | | | | · |
| | AN924-8J | Nut | 3 | 1 | | 1 | 1 |
| | AN929-8J | Cap, Female | 1 1 | + | | - | • |
| | AN938-8D | Tee, Female | ' | | | | |
| | AN938-8J | Tee, Female | 1' | | | | |
| | AN960JD10 | Washer | 10 | 10 | | 10 | 10 |
| | AN960JD8 | Washer | 10 | 10 | | 10 | 10 |
| Y | AN960C1216 | Washer | 2 | 2 | | 2 | 2 |
| 4 | QS100-24S | Clamp | | | | | |
| | QS100-48S | Clamp | 8 | 8 | | 8 | 8 |
| | MS9385-08 | O'Ring | 5 | 2 | | | |
| | MS21042L3 | Nut (Option MS21042-3) | 6 | 10 | | 6 | 10 |
| 1 | MS21042L08 | Nut (Option MS21042-08) | 10 | 10 | | 10 | 10 |
| 7 | MS21919DG6 | Clamp, Cushion | 6 | 10 | | 6 | 10 |
| | NAS48DD3-24 | Spacer | 6 | 10 | | -6 | 10 |
| ~ | 23007167 | Gasket | | 1 | | | - '0 |
| 1 | 40001 101 | Odoket | J., | <u> </u> | | | |



| | DESIGN B WILLIAMS | DRAWN BY | DART AEROSPACE LTI VICTORIA INTERNATIONAL AIRPORT, CANADA | - |
|---|----------------------|----------|---|-----------|
| ı | CHECKED | APPROVED | DRAWING NO. | REV. C |
| | By) | 142 | D206-571 SHEE | T 2 OF 11 |
| ı | DATE | | TITLE | SCALE |
| | JUNE 9, 19 | 92 | BELL 206 HEATING SYSTEM | |
| | C JUNE | 30, 1995 | RE-DRAWN | |

GENERAL NOTES:

1. CAUTION

ENSURE TUBING, FITTINGS, AND VALVES OF THIS SYSTEM CLEAR STRUCTURE, WIRING AND COMPONENTS BY A MINIMUM OF 0.25 INCH AND CLEAR CONTROLS BY A MINIMUM OF 0.40 INCH.

THIS CAN BE ACCOMPLISHED BY THE PROCEDURES OF THE DRAWINGS AND BY FOLLOWING THE STANDARD CLAMPING PRACTICES OF AC43.13.1A USING MS21919 CLAMPS (OR EQUIVALENT) OF AN APPROPRIATE SIZE.

2. ON C20B AND C20R ENGINES

REMOVE ANN814-8 PLUG OR PARTICLE SEPARATOR RESTRICTOR AND REPLACE WITH D2005-013 RESTRICTOR C/W AN939-8J, 'O' RING AND LOCKNUT AS SHOWN ON SHEET 8. REINSTALL AN814-8 OR PARTICLE SEPARATOR RESTRICTOR IN AN939-8J AS SHOWN ON SHEET 8.

3. LOCKWIRE

LOCKWIRE PER MS33540 USING MS20995C LOCKWIRE.

4. COMPATIBILITY

COMPATIBILITY OF THIS INSTALLATION WITH THE AIRCRAFT IS THE RESPONSIBILITY OF THE INSTALLER. ENSURE THAT THIS INSTALLATION DOES NOT CONFLICT WITH A PREVIOUS MODIFICATION.

E. WORKMANSHIP

UNLESS OTHERWISE STATED ALL WORKMANSHIP IS TO BE TO THE STANDARDS OF THE AIRCRAFT MAINTENANCE MANUAL AND AC 43.13.1A

6. INSTALLATION INSTRUCTIONS

THIS DRAWING IS TO BE USED IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS IIN-D206-571.

7. CONTINUING AIRWORTHINESS

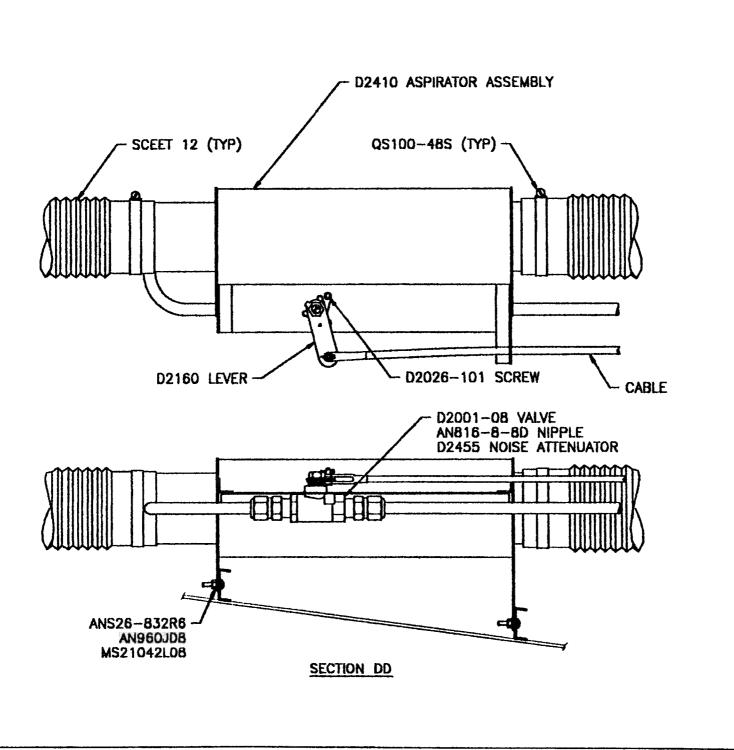
THIS INSTALLATION SHOULD BE MAINTAINED IN ACCORDANCE WITH MAINTENANCE MANUAL SUPPLEMENT MMS-D206-571.

8. SUPPLEMENTARY HEATER KITS

SUPPLEMENTARY HEATERS MUST BE INSTALLED IN CONJUNCTION WITH DART HEATER KIT D206-570 ie:

D206-571-341 MATES WITH D206-570-141 D206-571-345 MATES WITH D206-570-145 Copyright 1992 by DART AEROSPACE LTI

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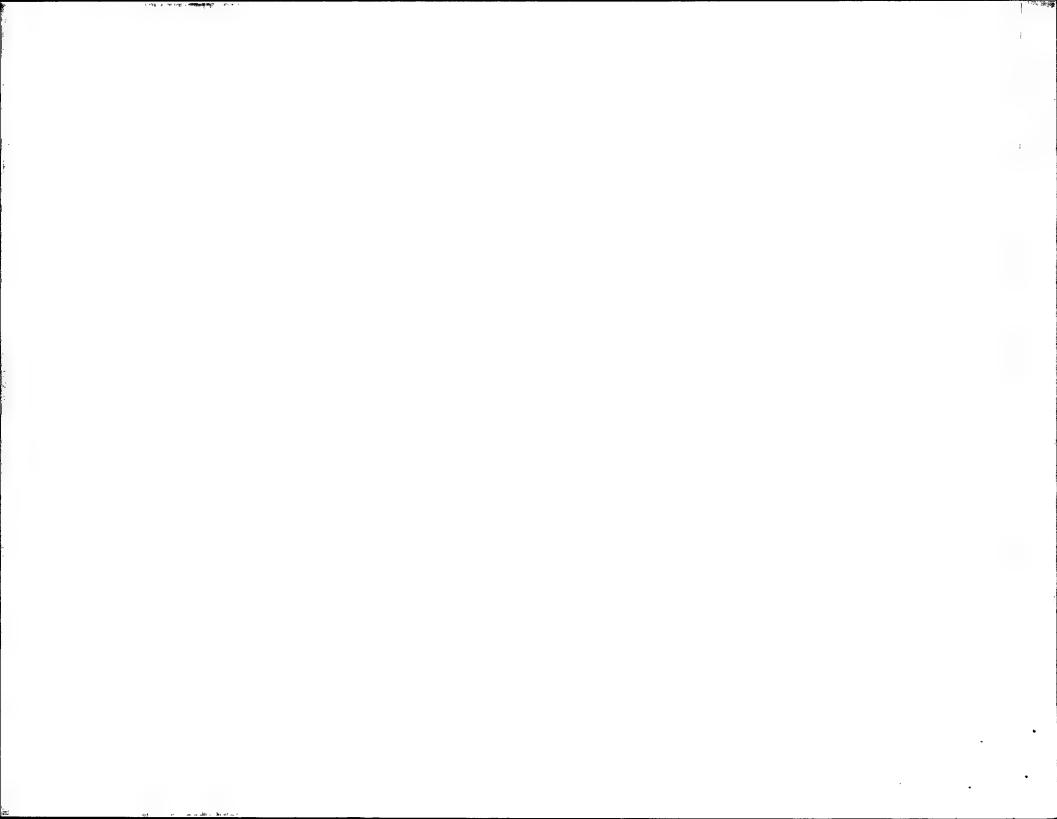


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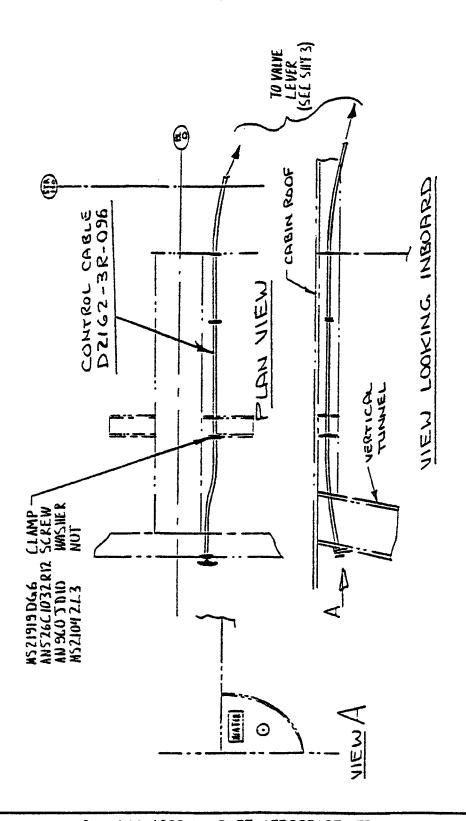
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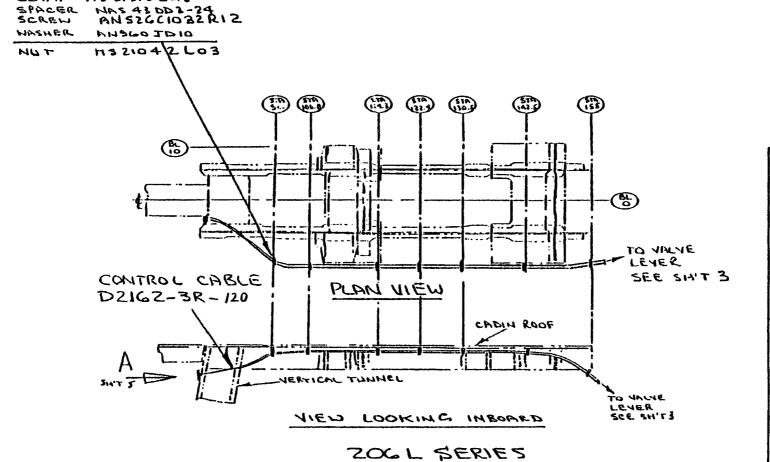


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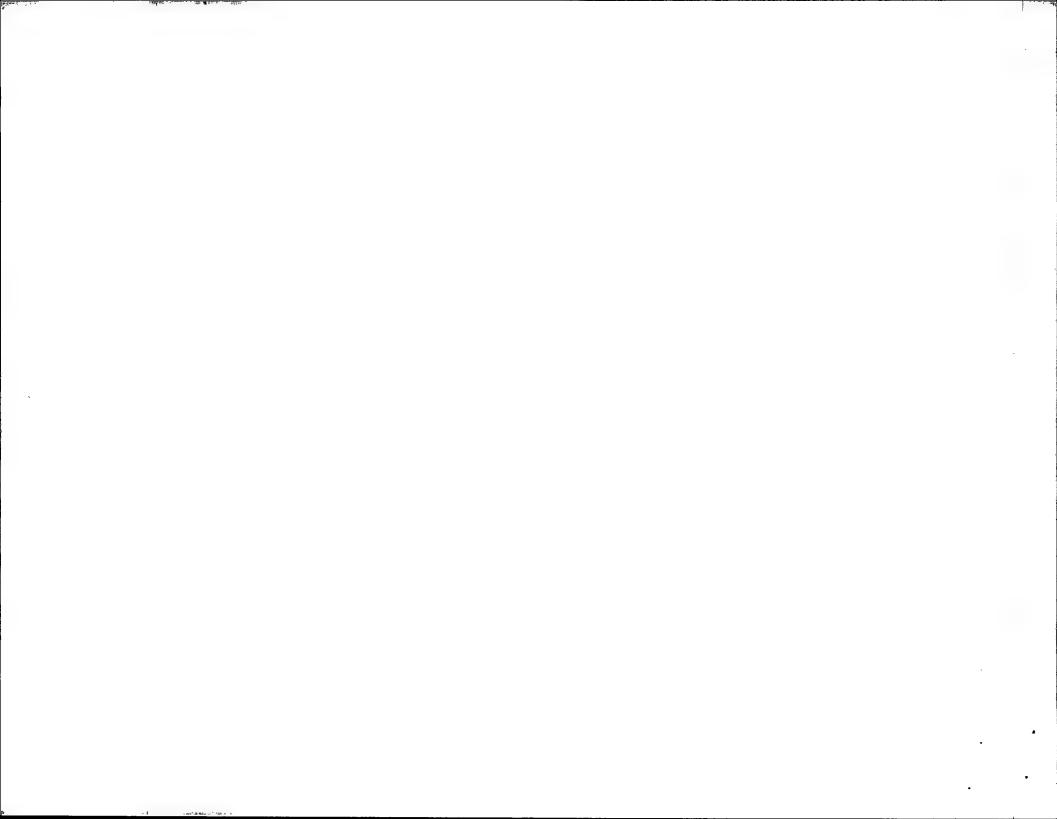
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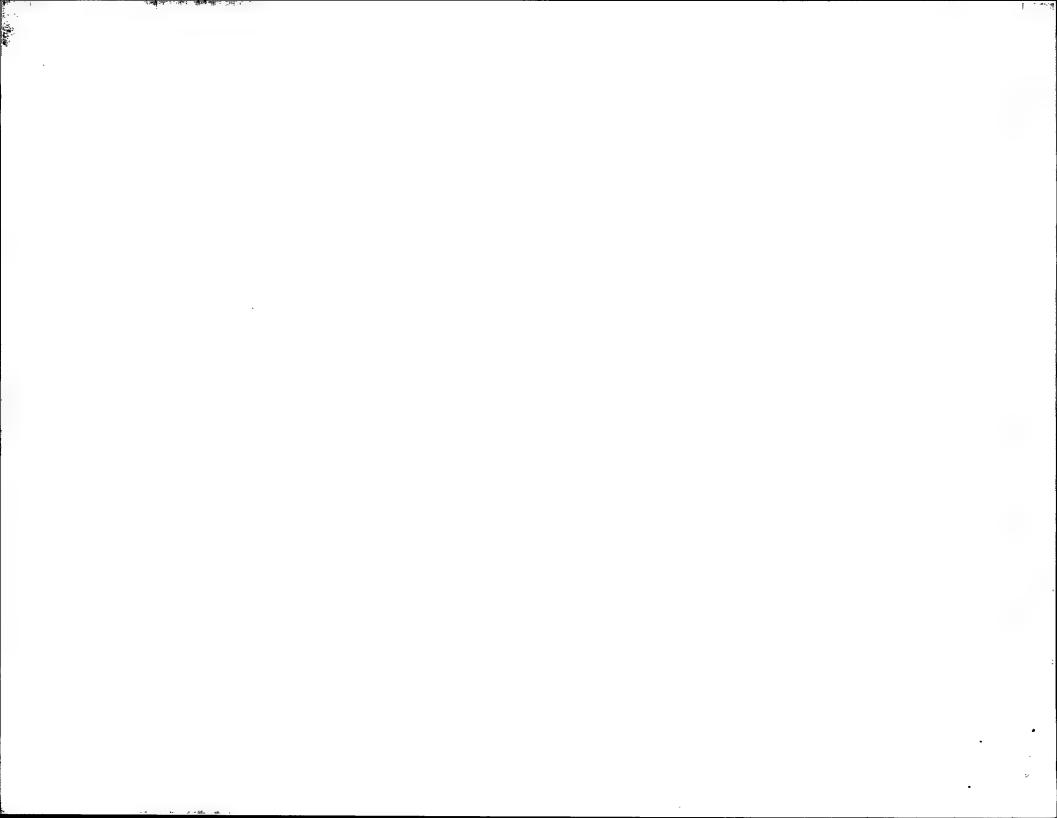


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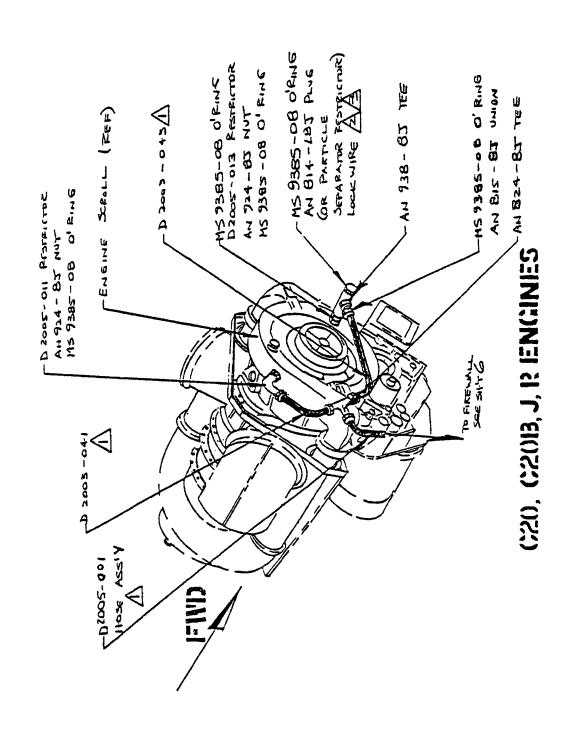


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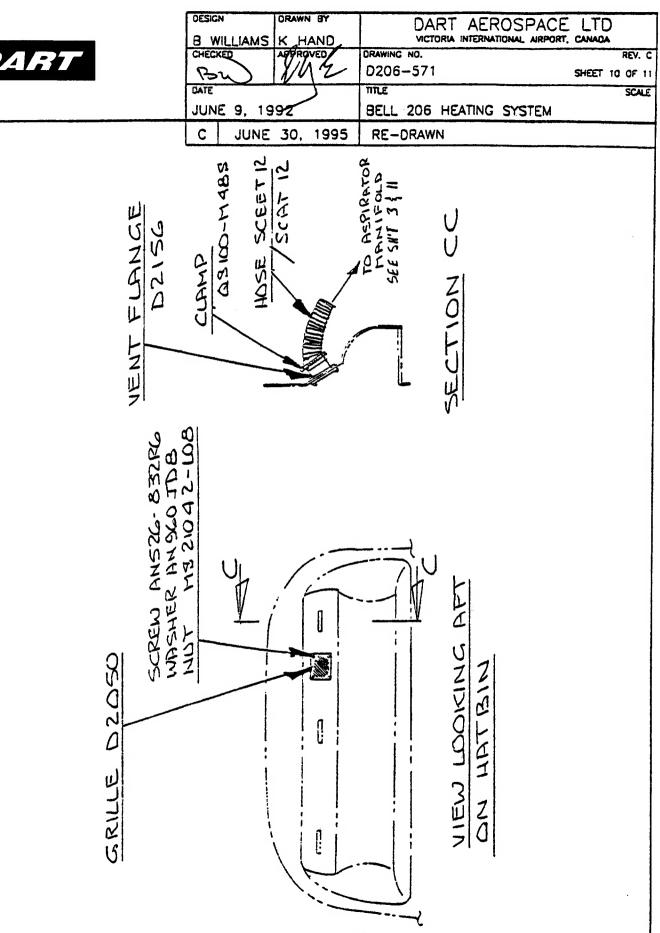


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